

H 5135-5183.

Next Dr Tr.

507

Dredge } No. 5135 Date, July 22, 1912
Hydrog. }
Sdg. Mch. T. N. Reel Shot/Lead 14 lbs.
Turns Cor'n Depth 7 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom

Thermom. { Make T.B. Cor'n { Instr.
No. L 1019-R 1023 Stem.

Bottom Reading L: 60.5 R: 60.5 Cor'd Temp. 60.36

Temp. Surf. { 65.0 Time 1.11 pm } Air { 67.0
64.73 Time

Density: Surf. fms.

Wind: Direction SSW Force 3-4

Baromet. 30.06 Amt. of Clouds 2 State of Sea S

Weather fog

Direction and Force of Current { Surface
Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction anchored Distance

Depth of Haul Inter.

Apparatus and Rig used 4' Inter., 2 Kofuss

Time towing - h. 16 m.

Remarks: Towed 10 min. at anchorage and
6 min. when underway, 5 and 9
fm. wire out resp.
Water-bottle used in Sdg.

Deck Officer Mr. Clancy Recorder F. H. H. 11-1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M. Down.			Up.	P. M.			P. M. Down.			Up.	P. M.	
1	01	00	1	11	00	0	1	01	00	1	17	20
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
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						3000						
						3100						
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						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

Dredge } No. 5136 Date, July 22, 1912
Hydrog. }
Sdg. Mch. T. T. Reel Shot } 14 lbs.
Lead }
Turns Cor'n Depth 6 fms.

Sdg. Cup Amt. Bot'm Sample
Character of Bottom

Thermom. { Make T.C. Cor'n { Instr.
No. 21019 - R1023 Stem.

Bottom Reading L: 6' 0 R: 6' 0 Cor'd Temp. 60.86

Temp. Surf. { 64.4 Time 1:41 P.M. Air { 65.5
64.13 Time

Density: Surf. fms.

Wind: Direction SSW Force 3-4

Baromet. 30.06 Amt. of Clouds 2 State of Sea S

Weather B

Direction and Force of Current { Surface
Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Anchored Distance

Depth of Haul Intermediate

Apparatus and Rig used 4-ft. Inter. & 2 Kopids.

Time towing - h. 17 m.

Remarks: Towd 15 min. at anchor and
7 min. underway; 4 1/2 and 8 1/2 fms. wire
trap. Water bottle used in sounding.

Deck Officer Mr. Clancy Recorder J. M. D. -
11-1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M. Down.			Up.		P. M.		P. M. Down.			Up.		P. M.
1	30	30	1	41	00	0	1	30	30	1	47	30
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
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						2500						
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						3100						
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						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

Dredge } No. 5137 Date, July 22, 1912
Hydrog. }
Sdg. Mch. T N Reel Shot Lead 14 lbs.
Turns Cor'n Depth 6 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom

Thermom. { Make N3. Cor'n { Instr. No. I 1019 - R1023 Stem.

Bottom Reading L: 61.0 R: 61.0 Cor'd Temp. 60.86

Temp. Surf. { 64.0 Time 2:14 pm Air { 70.0
63.73 Time

Density: Surf. fms.

Wind: Direction SSW Force 4

Baromet. 30.05 Amt. of Clouds 2 State of Sea S

Weather

Direction and Force of Current { Surface Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Anchored Distance

Depth of Haul Intic.

Apparatus and Rig used 4' Intic x 2 Kefria

Time towing - h. 18 1/2 m.

Remarks: Towed 10 min. at anchor;
8 1/2 min. underway. 5 and 9
fms. wire resp.
Waterbottle and St. St.

Deck Officer Mr. Clancy Recorder Attili

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
M. Down.			Up.		M.		M. Down.			Up.		M.
2	02	00	2	12	00	0	2	02	00	2	20	30
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
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						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

Dredge } No. 6-138 Date, July 23, 1912
Hydrog. }

Sdg. Mch. T. A. Reel Shot Lead lbs.

Turns Cor'n Depth 10 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make H. Z. Cor'n { Instr. No. L. 1019 R. 1023 Stem.

Bottom Reading L: 59.3 R: 59.2 Cor'd Temp. 59.11

Temp. Surf. { 62.9 Time 10:15-9 } Air { 62.00
62.63 Time

Density: Surf. fms.

Wind: Direction N. S. W. Force 3-4

Baromet. 30.09 Amt. of Clouds 4 State of Sea 2

Weather bcg

Direction and Force of Current { Surface Bottom

Tide Ebb

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter.

Apparatus and Rig used 4' Inter.; 2 Kofink

Time towing h. 16 m.

Remarks: Towed 11 min at anchor + 5 min under way. Water bottle used

Deck Officer Mr. King Recorder C. E. DeLong

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
<u>9</u> M. Down.	Up.	<u>9</u> M.		<u>9</u> M. Down.	Up.	<u>9</u> M.
10 03 45	10 13 30		0	10 03 30	10 19 40	
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Hydrog. } No. 5-139 Date, July 23, 1912

Sdg. Mch. T. M. Reel Shot Lead lbs.

Turns Cor'n Depth 9 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make No. Cor'n { Instr. Stem.

Bottom Reading 61° Cor'd Temp.

Temp. Surf. { 63° Time 10:47 { Air { 62°

Density: Surf. fms.

Wind: Direction Force

Baromet. 30.09 Amt. of Clouds 3 State of Sea

Weather

Direction and Force of Current { Surface Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter.

Apparatus and Rig used

Time towing h. 1 m.

Remarks: 10 min at anchor. Towed 10 min at anchor. Under way.

Deck Officer Recorder

SOUNDING WIRE.

Q M. Down. Up. Q M.

10 36 20 10 45 30

FMS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

DREDGING CABLE.

Q M. Down. Up. Q M.

10 36 40 10 45 30

Dredge } No. 5712 Date, Oct 22, 1912
Hydrog. }

Sdg. Mch. T.M. Reel 11 Shot } lbs.
Lead }

Turns Cor'n Depth 2 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make T.J. Cor'n { Instr. No. L:1019 R:1023 Stem.

Bottom Reading L: 62.5 R: 2.2 Cor'd Temp. 62.2

Temp. Surf. { 63.5 Time 11.25 Air { 63.0
1.2 Time

Density: Surf. fms.

Wind: Direction 0.5 Force 3

Baromet. 30.08 Amt. of Clouds 1 State of Sea

Weather bcg.

Direction and Force of Current { Surface Bottom

Tide E.

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter

Apparatus and Rig used 4' Sigsbee, 2 Hydrog.

Time towing h. m.

Remarks: Towed 13 min at anchor
7.5 min under way.
Water bottle used.

Deck Officer J. H. H. Recorder J. H. H.

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
<i>9</i> M. Down.	Up.	<i>2</i> M.		<i>2</i> M. Down.	Up.	<i>2</i> M.
<i>11</i>	<i>15</i>	<i>33</i>	0	<i>11</i>	<i>15</i>	<i>00</i>
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Tredge } No. 57147 Date, Jan 23, 1912

Sdg. Mch. T. L. Reel 57 Shot/Lead lbs.

Turns ----- Cor'n ----- Depth 6 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make H. G. Cor'n { Instr. No. 21019 R 1025 Stem.

Bottom Reading 263 263 Cor'd Temp. 67.5

Temp. Surf. { 65° Time 12:06 } Air { 65°

Density: Surf. ----- fms. -----

Wind: Direction S.W. Force 3

Baromet. 30.1 Amt. of Clouds 1 State of Sea 2

Weather bc

Direction and Force of Current { Surface Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction S.W. Distance

Depth of Haul 100

Apparatus and Rig used

Hand net

Time towing h. m.

Remarks: 1 specimen of starfish

Deck Officer R. S. Recorder C. E. H. 11-1024

SOUNDING WIRE.

9	M. Down.	Up.	9	M.
11	54	15	12	05 00

FMS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

DREDGING CABLE.

9	M. Down.	Up.	9	M.
12	37	23	12	10 00

Hydrog. No. 5142 Date, Jan 19/19

Sdg. Mch. T. Reel Shot & Lead lbs.

Turns Cor'n Depth 5 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make No. 123 Cor'n { Instr. Stem.

Bottom Reading 63.7 R 62.8 Cor'd Temp. 17.7

Temp. Surf. { 62.8 Time 1.1 } Air { }

Density: Surf. fms.

Wind: Direction S.W. Force 2

Baromet. 30.6 Amt. of Clouds 3 State of Sea C

Weather B. C.

Direction and Force of Current { Surface Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. 17.5 m.

Remarks: 1st haul net. 6 min. haul.

2nd haul net. 6 min. haul.

3rd haul net. 6 min. haul.

4th haul net. 6 min. haul.

5th haul net. 6 min. haul.

Deck Officer Recorder

SOUNDING WIRE.		FMS.	DREDGING CABLE.	
M. Down.	Up. M.		M. Down.	Up. M.
1 02 00	1 12 00	0	1 02 00	1 19 30
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		
		4100		
		4200		
		4300		
		4400		
		4500		
		4600		
		4700		
		4800		
		4900		

Trawl Hydrog. } No. 5102 Date, , 19

Sdg. Mch. Reel Shot/Lead lbs.

Turns Cor'n Depth 5 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make No. 1019 } Cor'n { Instr. Stem. 1023 }

Bottom Reading 1019 Cor'd Temp. 64.0

Temp. Surf. { 65.5 Time 1:40 } Air { 65.23 Time }

Density: Surf. fms.

Wind: Direction Force 3-4

Baromet. Amt. of Clouds 3 State of Sea 5

Weather

Direction and Force of Current { Surface Bottom }

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul 100

Apparatus and Rig used

Time towing h. 20 m.

Remarks: Trawl on wall paper used.

SOUNDING WIRE.

✓ M. Down. | Up. | M.

1 2930 1 3130

FMS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

DREDGING CABLE.

✓ M. Down. | Up. | M.

1 2930 1 3130

Tideg. } No. 5166 Date, July 19 1912
Hydrog. }
Sdg. Mch. J. n. Reel Shot/Lead 4 lbs.

Turns Cor'n Depth 5 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make No. 7 Cor'n { Instr. Stem.

Bottom Reading 65 Cor'd Temp. 64

Temp. Surf. { 66.6 Time 7:00 } Air { 66.6 Time 7:00 }

Density: Surf. fms.

Wind: Direction S.W. Force 3-5

Baromet. 30.1 Amt. of Clouds 3 State of Sea C

Weather hazy

Direction and Force of Current { Surface Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Anchored Distance

Depth of Haul 1 m.

Apparatus and Rig used (1-2)

Time towing h. 20 m.

Remarks: 1. ... 2. ...

3. ... 4. ... 5. ...

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
1 57 00	2 07 00		0	1 57 00	2 07 00	
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge Hydrog. No. 5-101 Date, July 25, 1912

Sdg. Mch. Lucas Reel Shot Lead 4 lbs.

Turns ----- Cor'n ----- Depth 6 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make No. 1 Cor'n { Instr. Stem.

Bottom Reading 65.8 Cor'd Temp. 6.3

Temp. Surf. { 66.2 Time 2:00 P } Air { 63 Time

Density: Surf. fms.

Wind: Direction S.W. Force 3-4

Baromet. 30.05 Amt. of Clouds 3 State of Sea

Weather hazy

Direction and Force of Current { Surface Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction 100 Distance

Depth of Haul 100

Apparatus and Rig used 4' Dredge

Time towing h. 1 m.

Remarks: 1/2 hr. in water, 1/2 hr. on bottom. 20 minutes

Deck Officer Wm. V. Recorder H. V. 11-1023

SOUNDING WIRE.

P. M. Down. Up. P. M.

2 28 00 2 38 00

FMS.

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

DREDGING CABLE.

P. M. Down. Up. P. M.

2 28 00 2 38 00

Hydrog. } No. 1111 Date, June 30, 1912
Sdg. Mch. T N Reel Shot 14 lbs.

Turns Cor'n Depth fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make T. B. No. 1010, H-1023 Cor'n { Instr. Stem.

Bottom Reading L: 61.5 T: 61.5 Cor'd Temp. 61.5

Temp. Surf. { 63.5 Time 10:18 AM } Air { 63.23 Time }

Density: Surf. fms.

Wind: Direction NW Force 2

Baromet. 30.07 Amt. of Clouds 7 State of Sea 2

Weather

Direction and Force of Current { Surface Bottom

Tide Flood until ; then ebb.

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. 1.8 m.

Remarks: Water was very muddy and the haul was very small.

Deck Officer J. J. Recorder

SOUNDING WIRE.

FMS.

DREDGING CABLE.

A. M. Down. Up. A. M.

P. M. Down. Up. P. M.

10 58 10 18 20

0

11 01 00 11 11 20

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Result of Tensioning

Bottom sounding:

1000-1500 2:61.5 75.5

Core. 61.36

1100-1200 2:61.1 75.5

61.06

1200-1300 2:61.1 75.5

60.96

1251

~~Hydrog.~~ } No. 5112 Date, June 27, 1912

Sdg. Mch. 9. Reel 77. Shot Lead lbs.

Turns Cor'n Depth 610 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make 222 No. 1019 9:1023 Cor'n { Instr. Stem.

Bottom Reading 5: 23° 8: 63° Cor'd Temp. 62.36

Temp. Surf. { 64.5° Time Air { 67°

Density: Surf. fms.

Wind: Direction S.W. Force 2

Baromet. 30.12 Amt. of Clouds 1 State of Sea 2

Weather bc.

Direction and Force of Current { Surface Bottom

Tide Ebb

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter

Apparatus and Rig used 4' beam trawl

1. 1. 1.

Time towing h. m.

Remarks: Common sculpin, 1 found 10 min at 1000 ft under rocks.

Deck Officer Recorder

SOUNDING WIRE.

M. Down.	Up.	M.
1 39 30	1 50 00	

FMS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

DREDGING CABLE.

M. Down.	Up.	M.
1 37 00	1 55 00	

Dredge } No. 5712 Date, July 1912
Hydrog. }
Sdg. Mch. 22 Reel Shot Lead lbs.
Turns Cor'n Depth 6 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom

Thermom. { Make Q. Z. Cor'n { Instr. .
No. L: 1019 R: 1023 { Stem.

Bottom Reading 6: 6: 1° Cor'd Temp. 63.06

Temp. Surf. { 67.2 Time 2:54 { Air { 67°
67.2 Time

Density: Surf. fms.

Wind: Direction L. W. Force 2

Baromet. Amt. of Clouds 1 State of Sea

Weather bc

Direction and Force of Current { Surface
Bottom

Tide Ebb

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Enter

Apparatus and Rig used

Time towing h. m.

Remarks: 1st haul 12 min 22 sec
and 5 min 10 sec

Deck Officer J. A. Recorder J. A.

SOUNDING WIRE.		FMS.	DREDGING CABLE.	
2' M. Down.	Up. 2' M.		2' M. Down.	Up. 2' M.
2 44 20	2 54 00	0	2 44 10	3 02 40
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		
		4100		
		4200		
		4300		
		4400		
		4500		
		4600		
		4700		
		4800		
		4900		

11-1022

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
M. Down.			Up.				M. Down.			Up.		
3	32	00	3	42	00	0	3	32	00	3	48	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

Dredge } No. 1047
Hydrog. } Date, 1910

Sdg. Mch. Reel Shot Lead lbs.

Turns Cor'n Depth fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make No. 1047 Cor'n { Instr. Stem.

Bottom Reading 3.0 Cor'd Temp. 62.3

Temp. Surf. { Time 64.33 } Air { Time

Density: Surf. fms.

Wind: Direction 1 Force 2

Baromet. 29.1 Amt. of Clouds 1 State of Sea 1

Weather c/m

Direction and Force of Current { Surface Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction 111 Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
9	05	00	0	9	05	00
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. _____ Date, _____, 1902
Hydrog. }

Sdg. Mch. _____ Reel _____ Shot }
Lead } lbs.

Turns _____ Cor'n _____ Depth 102 fms.

Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom _____

Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____

Bottom Reading _____ Cor'd Temp. 62.5

Temp. Surf. { Time _____ Air {
 { _____ { _____

Density: Surf. _____ fms. _____

Wind: Direction S Force 2-3

Baromet. 30.16 Amt. of Clouds 9 State of Sea S

Weather fair

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality _____

Position _____

Chart used: No. _____ Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul 25

Apparatus and Rig used _____

Time towing 11 m.

Remarks: 11 m. to bottom

Deck Officer _____ Recorder _____

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
			0	1	28	28
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 5152 Date, Aug 1, 1914
Hydrog. }

Sdg. Mch. Tanner Reel Shot/Lead lbs.

Turns Cor'n Depth 6 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make No. Cor'n { Instr. Stem.

Bottom Reading 263 P 63. Cor'd Temp. 62.80

Temp. Surf. { Time Air {

Density: Surf. fms.

Wind: Direction Force

Baromet. 30.17 Amt. of Clouds 8 State of Sea S

Weather

Direction and Force of Current { Surface Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Anchored Distance

Depth of Haul Inter

Apparatus and Rig used 4' Inter: 2 1/2 fenders

Time towing h. 11 m.

Remarks: water bottle

Deck Officer Wm. Perry Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
1	1	00	0	4	52	00
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. _____ Date, _____, 19__
Hydrog. }
Sdg. Mch. _____ Reel _____ Shot }
Lead } lbs.
Turns _____ Cor'n _____ Depth _____ fms.
Sdg. Cup _____ Amt. Bot'm
Sample _____
Character of
Bottom _____

Thermom. { Make N. 3 _____ Cor'n { Instr. _____
No. 2 _____ Stem. _____

Bottom Reading 6.3 _____ Cor'd Temp. 57 _____

Temp. Surf. { 62 _____ Time 10:26 A _____ Air { 57 _____
Time _____

Density: Surf. _____ fms. _____

Wind: Direction S _____ Force 2-3 _____

Baromet. 30.17 _____ Amt. of Clouds 8 _____ State of Sea S _____

Weather S _____

Direction and Force of Current { Surface _____
Bottom _____

Tide _____

General Locality _____

Position _____

Chart used: No. _____ Ed'n _____

Drift: Direction 1 _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer _____ Recorder _____

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. Down.	Up.	M.
10 16 50	10 16 50	

M. Down.	Up.	M.
10 16 50	10 16 50	

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

Dredge } No. _____ Date, July 29, 1911
Hydrog. }

Sdg. Mch. _____ Reel _____ Shot/Lead 14 lbs.

Turns _____ Cor'n _____ Depth 7 fms.

Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom _____

Thermom. { Make N. Cor'n { Instr. _____
 { No. 21019 Stem. _____

Bottom Reading 266.307.60.3 Cor'd Temp. 60.16

Temp. Surf. { Time _____ } Air { _____
 { Time _____ }

Density: Surf. _____ fms. _____

Wind: Direction S Force 3

Baromet. 30.17 Amt. of Clouds 8 State of Sea S

Weather fine

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality _____

Position _____

Chart used: No. _____ Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul Inte.

Apparatus and Rig used 1 sinker

Time towing _____ h. _____ m.

Remarks: Bottom was too hard to haul

Deck Officer _____ Recorder _____

SOUNDING WIRE.

M. Down.	Up.	M.
10 39 00	10	

FMS.

DREDGING CABLE.

M. Down.	Up.	M.
10 39 00	10	50 00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Dredge } No. 5155 Date, , 19

Sdg. Mch. Reel Shot Lead lbs.

Turns Cor'n Depth fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make No. Cor'n { Instr. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time Time Air {

Density: Surf. fms.

Wind: Direction Force

Baromet. Amt. of Clouds State of Sea

Weather

Direction and Force of Current { Surface Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
<u>A</u> M. Down.	Up.	<u>B</u> M.		<u>A</u> M. Down.	Up.	<u>B</u> M.
1	02	08 11 12 50	0	1	02	20 11 12 -
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
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			2200			
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			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dead in } No. 1 Date, 11-1-1900, 19...

Sdg. Mch.	Reel	Shot Lead	lbs.

Turns _____ Cor'n _____ Depth 20 fms.

<i>Sdg. Cup</i>	<i>Amt. Bot'm Sample</i>
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50
51	51
52	52
53	53
54	54
55	55
56	56
57	57
58	58
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69
70	70
71	71
72	72
73	73
74	74
75	75
76	76
77	77
78	78
79	79
80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

Character of Bottom

Thermom. { Make 213. Cor'n { Instr.
 { No. 110. { Stem

Bottom Reading. 51.6 Cor'd Temp. 51.61

Temp. Surf. { 58.4 Time 11:32 A } Air {
Time {

Density: Surf. _____ fms. _____

Wind: Direction Force

Baromet. 30.11 Amt. of Clouds 10 State of Sea S

Weather 7.000

Direction and Force of Current. { Surface
Bottom

Tide

General Locality

Position

Chart used : No. Ed'n

Drift: Direction	Distance
------------------	----------

Depth of Haul Inters.

Apparatus and Rig used 4' Inlet & 10' or more

Time towing h. : m.

[illegible]Deck Officer Wm. H. A. Recorder Wm. H. A.

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
M. Down.			Up.	M.			M. Down.		Up.	M.		
11	22	00	11	32	00	0	11	22	00	11	33	30
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

Hydrog. No. _____ Date, _____, 19____
Sdg. Mch. Tanner Reel 05 Shot/Lead 14 lbs.

Turns _____ Cor'n _____ Depth 15 fms.

Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom ms

Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____

Bottom Reading 5.0 Cor'd Temp. 56.21

Temp. Surf. { 58.0 Time 7:00 } Air { 58.5
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction South Force 2-3

Baromet. 30.18 Amt. of Clouds 10 State of Sea S

Weather comf

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality S. F. Bay

Position _____

Chart used: No. _____ Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used 2 nets; 2 1/2 fms.

Time towing _____ h. _____ m.

Remarks: _____

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
12	12	12	0	12	12	12
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge, } No. 5109 Date, June 12, 1912
Hydrog. }
Sdg. Mch. T N Reel T N Shot Lead 14 lbs.

Turns Cor'n Depth 5 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make T N Cor'n { Instr. No. L 1019, TP 1023 Stem.

Bottom Reading L 67.0 N 67.0 Cor'd Temp. 61.8

Temp. Surf. { 67.1 Time 9:02 a. Air { 61
66.83 Time

Density: Surf. fms.

Wind: Direction S. by E Force 1

Baromet. 30.27 Amt. of Clouds 15 State of Sea S

Weather sm

Direction and Force of Current { Surface Bottom

Tide just starting to flood.

General Locality San Francisco Bay

Position

Chart used: No. Ed'n

Drift: Direction anchored Distance

Depth of Haul 100 fms.

Apparatus and Rig used 4 fms. 2 fms.

Time towing 12 m.

Remarks:

Deck Officer M. H. Recorder A. T. 7

SOUNDING WIRE.					FMS.	DREDGING CABLE.			
M. Down.			Up.	M.		M. Down.		Up.	M.
8	53	00	9	03 00	0	8	53	00	9 03 00
					100				
					200				
					300				
					400				
					500				
					600				
					700				
					800				
					900				
					1000				
					1100				
					1200				
					1300				
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					1700				
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					1900				
					2000				
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					2200				
					2300				
					2400				
					2500				
					2600				
					2700				
					2800				
					2900				
					3000				
					3100				
					3200				
					3300				
					3400				
					3500				
					3600				
					3700				
					3800				
					3900				
					4000				
					4100				
					4200				
					4300				
					4400				
					4500				
					4600				
					4700				
					4800				
					4900				

Dredge } No. 157 Date, Feb 30, 1912
Hydrog. }
Sdg. Mch. Reel 711 Shot Lead 10 lbs.

Turns Cor'n Depth 5 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make 752 Cor'n { Instr. No. L 1019 - R 1022 Stem.

Bottom Reading L 66.8 R 66.8 Cor'd Temp. 66.8

Temp. Surf. { 66.8 Time 9:30 AM Air { 62 Time

Density: Surf. fms.

Wind: Direction South Force 1

Baromet. 30.21 Amt. of Clouds 10 State of Sea S

Weather sm

Direction and Force of Current { Surface Bottom

Tide Flood

General Locality S F Bay

Position

Chart used: No. Ed'n

Drift: Direction at anchor Distance

Depth of Haul

Apparatus and Rig used 11' Trawl 3 H.C.

Time towing - h. 12 m.

Remarks:

Deck Officer W. C. Jones Recorder (Signature)

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
9 20 00	9 20 00		0	0 15 00	9 22 00	
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
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			1900			
			2000			
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			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Towed by } No. 711 Date, 30, 1911
Hydrog. }
Sdg. Mch. 711 Reel 711 Shot Lead 10 lbs.

Turns Cor'n Depth 5 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom Sand

Thermom. { Make 711 Cor'n { Instr. No. L. 1019 - R 1022 Stem.

Bottom Reading 2: 66.0 N: 65.7 Cor'd Temp. 65.81

Temp. Surf. { 66.0 Time 9:52 am } Air { 65.70 Time

Density: Surf. fms.

Wind: Direction 300 Force

Baromet. 30.21 Amt. of Clouds 10 State of Sea S

Weather 000

Direction and Force of Current { Surface Bottom

Tide Flood

General Locality S. F. Bay

Position

Chart used: No. Ed'n

Drift: Direction 220 Distance

Depth of Haul

Apparatus and Rig used 4' Inter. 2 Hkks

Time towing h. 9 m.

Remarks: 711 711 711 711 711

Deck Officer Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	A. M.		M. Down.	Up.	M.
9 42 15	9 52 15		0	9 43 00	9 52 00	
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Hydrog. } No. 5121 Date, May 1, 1917
Sdg. Mch. 715 Reel 715 Shot/Lead 15 lbs.
Turns Cor'n Depth 5 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom

Thermom. { Make T. No. 1019-R 1023 Cor'n { Instr. Stem.

Bottom Reading 2.64/ R 64. Cor'd Temp. 62.1

Temp. Surf. { 64.2 Time 6:03 Air { 62.5

Density: Surf. fms.

Wind: Direction S Force 1-2

Baromet. 30.21 Amt. of Clouds 10 State of Sea 2

Weather sm

Direction and Force of Current { Surface Bottom

Tide Flood

General Locality SF Bay

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inte

Apparatus and Rig used

Time towing - h. 6 m.

Remarks:

SOUNDING WIRE.					FMS.	DREDGING CABLE.						
<i>A</i> M. Down.	Up.	<i>A</i> M.		M. Down.		Up.	M.					
10	08	00	10	18	00	0	10	08	00	10	18	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

Dredge } No. 2 Date, May 20, 1911

Hydrog. }
Sdg. Mch. T. Reel Shot/Lead lbs.

Turns Cor'n Depth fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make N.S. Cor'n { Instr. No. L 1019 - K 1023 Stem.

Bottom Reading L 62.77 Cor'd Temp. 62.71

Temp. Surf. { Time 0.46 Air { 62
63.83 Time

Density: Surf. fms.

Wind: Direction South Force 1-2

Baromet. 30.22 Amt. of Clouds 10 State of Sea 8

Weather om

Direction and Force of Current { Surface Bottom

Tide

General Locality S.F. Bay

Position

Chart used: No. Ed'n

Drift: Direction anchored Distance

Depth of Haul Intec.

Apparatus and Rig used

Time towing h. 10 m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.

M. Down.			Up.		
M.			M.		
10	38	00	10	48	00

FMS.

DREDGING CABLE.

M. Down.			Up.		
M.			M.		
10	38	00	10	48	00

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

Dredge } No. 1010 Date, May 15, 19 10
Hydrog. }
Sdg. Mch. 1010 Reel 1 Shot Lead 14 lbs.

Turns _____ Cor'n _____ Depth _____ fms.

Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom _____

Thermom. { Make _____ Cor'n { Instr. _____
No. L 1010 - T 1023 Stem. _____

Bottom Reading L 1010 - T 1023 Cor'd Temp. _____

Temp. Surf. { 63.6 Time 11:20 am } Air { _____
_____ Time _____ }
63.33 Time _____

Density: Surf. _____ fms. _____

Wind: Direction South Force 1-2

Baromet. 30.20 Amt. of Clouds 10 State of Sea S

Weather on

Direction and Force of Current { Surface _____
Bottom _____

Tide Flood

General Locality _____

Position _____

Chart used: No. _____ Ed'n _____

Drift: Direction anchored Distance _____

Depth of Haul Inte.

Apparatus and Rig used _____

Time towing _____ h. 10 m.

Remarks: _____

Deck Officer W. L. ... Recorder _____

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
11	15 60	11	0	11	10 30	11
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Trawl & Hydrog. No. 5164 Date, June 20, 1912

Sdg. Mch. Reel Shot/Lead lbs.

Turns Cor'n Depth fms

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make No. Cor'n { Instr. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 61.02 Time 11:30 am } Air { 66
61.73 Time

Density: Surf. fms.

Wind: Direction Force

Baromet. 30.18 Amt. of Clouds 10 State of Sea S

Weather

Direction and Force of Current { Surface Bottom

Tide

General Locality C.F. Bay

Position

Chart used: No. Ed'n

Drift: Direction anchored Distance

Depth of Haul 1000

Apparatus and Rig used 4' ...

Time towing h. m.

Remarks:

...

...

Deck Officer Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.				
<i>A</i> M. DOWN.	UP. <i>A</i> M.	<i>A</i> M. DOWN.		UP. <i>A</i> M.				
11	46	30	11	48	00	11	42	30
			0					
			100					
			200					
			300					
			400					
			500					
			600					
			700					
			800					
			900					
			1000					
			1100					
			1200					
			1300					
			1400					
			1500					
			1600					
			1700					
			1800					
			1900					
			2000					
			2100					
			2200					
			2300					
			2400					
			2500					
			2600					
			2700					
			2800					
			2900					
			3000					
			3100					
			3200					
			3300					
			3400					
			3500					
			3600					
			3700					
			3800					
			3900					
			4000					
			4100					
			4200					
			4300					
			4400					
			4500					
			4600					
			4700					
			4800					
			4900					

Dredge } No. 15765- Date, June 10, 1912
Hydrog.

Sdg. Mch. T. M. Reel W. L. Shot/Lead lbs.

Turns Cor'n Depth 12 1/2 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make T. Cor'n { Instr. No. 1019, 1023 Stem.

Bottom Reading 52° R 44.9° Cor'd Temp. 52.1

Temp. Surf. { 60.9° Time 12:37 } Air { 65.6°
60.63° Time

Density: Surf. fms.

Wind: Direction N Force 1-2

Baromet. 30.18 Amt. of Clouds 9 State of Sea 2

Weather bc

Direction and Force of Current { Surface Bottom

Tide Flood

General Locality

Position

Chart used: No. Ed'n

Drift: Direction anchored Distance

Depth of Haul 100 fms.

Apparatus and Rig used 4' Dredge, 2 1/2' Haul, 1' net

Time towing h. 11 m.

Remarks: Clear water, good haul

Deck Officer J. L. Recorder C. L. 11-1024

SOUNDING WIRE.

P. M. Down.	Up.	P. M.
12 26 00	12 32 45	

FMS.

DREDGING CABLE.

P. M. Down.	Up.	P. M.
12 27 00	12 38 00	

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Hydrog. } No. 5766 Date, July 31, 1912

Sdg. Mch. T. H. Reel T. H. Shot Lead lbs.

Turns Cor'n Depth 12 1/2 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make P. H. Cor'n { Instr. No. 21019 Stem.

Bottom Reading Sec Cor'd Temp. 65.71

Temp. Surf. { Time 4:00 Air 66.3
65.03 Time

Density: Surf. fms.

Wind: Direction Various Force 0-1

Baromet. 30.13 Amt. of Clouds 8 State of Sea 2

Weather bc

Direction and Force of Current { Surface Bottom

Tide eb & flood (in 2 1/2 h)

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Intermediate

Apparatus and Rig used 4' trawl, 2 Kipids, 1 sinker

Time towing h. 1 1/2 m.

Remarks: Common water bottle used. Towing 10 min at anchor & 2 min under way

Deck Officer T. H. Recorder C. H. 11-1023

SOUNDING WIRE.

FMS.

DREDGING CABLE.

A.M. DOWN. | UP. | A.M.

A.M. DOWN. | UP. | A.M.

Time:

10 55 00 11 00 00

Bottom temp.

265.5 R. 65.5

Surface temp. 65.5

Obb tide

Time:

11 10 00 11 20 00

Surface temp. 65.3°

Time:

11 45 00 11 55 00

Bottom temp.

265.9 R. 65.8

Surface temp. 65.3°

Obb tide

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

11 49 00 12 08 30

Bridge } No. Date, , 19

Sdg. Mch. Reel Shot/Lead lbs.

Turns Cor'n Depth fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr. No. 101411023 Stem.

Bottom Reading 65.5 P. Cor'd Temp. 15.36

Temp. Surf. { 65.1 Time 1' Air { 1' Time

Density: Surf. fms.

Wind: Direction S.W Force 3

Baromet. 30.14 Amt. of Clouds 9 State of Sea S

Weather

Direction and Force of Current { Surface Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Anchored Distance

Depth of Haul 100

Apparatus and Rig used 4' Inter. 2 Kg.

Time towing h. m.

Remarks: Wedgwood's

used.

Towed 100

100

Deck Officer Recorder

SOUNDING WIRE.

M. Down.	Up.	M.
12	19	24.50

FMS.

DREDGING CABLE.

M. Down.	Up.	M.
0	12	17.50

0	12	17.50
100		
200		
300		
400		
500		
600		
700		
800		
900		
1000		
1100		
1200		
1300		
1400		
1500		
1600		
1700		
1800		
1900		
2000		
2100		
2200		
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2400		
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2600		
2700		
2800		
2900		
3000		
3100		
3200		
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3600		
3700		
3800		
3900		
4000		
4100		
4200		
4300		
4400		
4500		
4600		
4700		
4800		
4900		

Hydrog. } No. 1 Date, 1911

Sdg. Mch. Reel Shot Lead lbs.

Turns Cor'n Depth fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make 100 Cor'n { Instr.
No. 100 Stem.

Bottom Reading 100 Cor'd Temp. 15.00

Temp. Surf. { 65.8 Time 1.08 P } Air { 67°
65.00 Time }

Density: Surf. fms.

Wind: Direction S.W Force 3

Baromet. 30.11 Amt. of Clouds 8 State of Sea C

Weather b-c

Direction and Force of Current { Surface
Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Drifted Distance

Depth of Haul

Apparatus and Rig used

Time towing 10 h. m.

Remarks: Colman water bottle

Deck Officer Mr. King Recorder

SOUNDING WIRE.					FMS.	DREDGING CABLE.				
M. Down.	Up.	M.				M. Down.	Up.	M.		
12	57	00	/	07	00	0	12	57	00	/ 07 00
					100					
					200					
					300					
					400					
					500					
					600					
					700					
					800					
					900					
					1000					
					1100					
					1200					
					1300					
					1400					
					1500					
					1600					
					1700					
					1800					
					1900					
					2000					
					2100					
					2200					
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					2400					
					2500					
					2600					
					2700					
					2800					
					2900					
					3000					
					3100					
					3200					
					3300					
					3400					
					3500					
					3600					
					3700					
					3800					
					3900					
					4000					
					4100					
					4200					
					4300					
					4400					
					4500					
					4600					
					4700					
					4800					
					4900					

Dredge } No. 111 Date, July 31, 1901
 Hydrog. }
 Sdg. Mch. Reel Shot/Lead lbs.
 Turns Cor'n Depth 6 fms.
 Sdg. Cup Amt. Bot'm Sample
 Character of Bottom
 Thermom. { Make Cor'n { Instr.
 { No. { Stem.
 Bottom Reading Cor'd Temp. 64.4
 Temp. Surf. { 65.3 Time 1:41 P } Air { 66
 { 65 Time }
 Density: Surf. fms.
 Wind: Direction SE Force 2
 Baromet. 30.1 Amt. of Clouds 7 State of Sea
 Weather bc
 Direction and Force of Current { Surface
 { Bottom
 Tide Low

General Locality

Position

Chart used: No. Ed'n

Drift: Direction drift Distance

Depth of Haul Int.

Apparatus and Rig used Inter. 2 1/2 fms. 1 fms.

1 fms.

Time towing h. 0 m.

Remarks: Octinaw reader for

cd.

Deck Officer

Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
P. M. DOWN.	UP.	L. M.		P. M. DOWN.	UP.	L. M.
1	30	30	0	1	31	00
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Sdg. Mch. Lucas Reel 5 Shot 10 lbs.

Turns	Cor'n	Depth	fms.
1		10	10
2		20	20
3		30	30
4		40	40
5		50	50
6		60	60
7		70	70
8		80	80
9		90	90
10		100	100
11		110	110
12		120	120
13		130	130
14		140	140
15		150	150
16		160	160
17		170	170
18		180	180
19		190	190
20		200	200
21		210	210
22		220	220
23		230	230
24		240	240
25		250	250
26		260	260
27		270	270
28		280	280
29		290	290
30		300	300
31		310	310
32		320	320
33		330	330
34		340	340
35		350	350
36		360	360
37		370	370
38		380	380
39		390	390
40		400	400
41		410	410
42		420	420
43		430	430
44		440	440
45		450	450
46		460	460
47		470	470
48		480	480
49		490	490
50		500	500
51		510	510
52		520	520
53		530	530
54		540	540
55		550	550
56		560	560
57		570	570
58		580	580
59		590	590
60		600	600
61		610	610
62		620	620
63		630	630
64		640	640
65		650	650
66		660	660
67		670	670
68		680	680
69		690	690
70		700	700
71		710	710
72		720	720
73		730	730
74		740	740
75		750	750
76		760	760
77		770	770
78		780	780
79		790	790
80		800	800
81		810	810
82		820	820
83		830	830
84		840	840
85		850	850
86		860	860
87		870	870
88		880	880
89		890	890
90		900	900
91		910	910
92		920	920
93		930	930
94		940	940
95		950	950
96		960	960
97		970	970
98		980	980
99		990	990
100		1000	1000

<i>Sdg. Cup</i>	<i>Amt. Bot'm Sample</i>
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
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26	26
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34	34
35	35
36	36
37	37
38	38
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40	40
41	41
42	42
43	43
44	44
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54	54
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58	58
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69
70	70
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72	72
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74	74
75	75
76	76
77	77
78	78
79	79
80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

Character of Bottom

Thermom. { Make N. 3. Cor'n { Instr.
 { No. { Stem.

Bottom Reading ... 62.1 ... Cor'd Temp. 62.5

Temp. Surf.	Time	Air
	Time	

Density: Surf. fms.

Wind: Direction S.W. Force 3

Baromet. 30.08 Amt. of Clouds 7 State of Sea C

Weather

Direction and Force of Current. { Surface
{ Bottom

[illegible]

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Unobsd Distance 0

Depth of Haul... 121

Apparatus and Rig used

Time towing h. 11 m.

Remarks: ... on the 1st of June 1864

Deck Officer Ing Recorder 11 00

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
2	71	00	2	31	00	
			0	2	21	00
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 171 Date, June 31st, 1912
Hydrog. }

Sdg. Mch. _____ Reel _____ Shot/Lead _____ lbs.

Turns _____ Cor'n _____ Depth 7 fms.

Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom _____

Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____

Bottom Reading 1.625 Cor'd Temp. _____

Temp. Surf. { _____ Time _____ } Air {
 { 62.93 Time _____ } _____

Density: Surf. _____ fms. _____

Wind: Direction S.W. Force 3

Baromet. 30.08 Amt. of Clouds 7 State of Sea C

Weather bc

Direction and Force of Current { Surface _____
 { Bottom _____

Tide Low

General Locality _____

Position _____

Chart used: No. _____ Ed'n _____

Drift: Direction Anchored Distance _____

Depth of Haul 100

Apparatus and Rig used 4' Lobster

Time towing _____ h. _____ m.

Remarks: Tokman

Deck Officer _____ Recorder _____

SOUNDING WIRE.				FMS.	DREDGING CABLE.						
<u>P</u> M. Down.	Up.	<u>P</u> M.	<u>P</u> M. Down.		Up.	<u>P</u> M.					
2	48	30	1	59	30	2	41	30	3	00	00
				0							
				100							
				200							
				300							
				400							
				500							
				600							
				700							
				800							
				900							
				1000							
				1100							
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				4000							
				4100							
				4200							
				4300							
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				4500							
				4600							
				4700							
				4800							
				4900							

Treble } No. 5172 Date, July 31st, 1912
Hydrog. }

Sdg. Mch. _____ Reel _____ Shot/Lead _____ lbs.

Turns _____ Cor'n _____ Depth 12 fms.

Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom _____

Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 63 Time 3:33 } Air { 63 }
 { 53 Time _____ } { _____ }

Density: Surf. _____ fms. _____

Wind: Direction S.W. Force 3

Baromet. 30.02 Amt. of Clouds 9 State of Sea C

Weather bc

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality _____

Position _____

Chart used: No. _____ Ed'n _____

Drift: Direction (none) Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
<i>P</i> M. Down.			Up.	<i>P</i> M.			<i>P</i> M. Down.			Up.	<i>P</i> M.	
3	21	30	3	32	30	0	3	23	00	3	30	30
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4500						
						4600						
						4700						
						4800						
						4900						

Dredge } No. 3 Date, Oct. 7, 1912

Sdg. Mch. T. P. Reel Shot Lead lbs.

Turns Cor'n Depth 11 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make 752 Cor'n { Instr. No. 1014 - No. 1012 Stem.

Bottom Reading 5.39 Cor'd Temp. 57.62

Temp. Surf. { 61.5 Time 12:30 Air { 61.5 Time

Density: Surf. fms.

Wind: Direction South Force

Baromet. 30.24 Amt. of Clouds 8 State of Sea S

Weather

Direction and Force of Current { Surface 2.0 S. by E. 1/2 E. Bottom

Tide Ebb

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter.

Apparatus and Rig used 4' Inter & 2 Kofoid

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.

M. Down. | Up. | M.

FMS.

DREDGING CABLE.

M. Down. | Up. | M.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

12 30 00 12 40

Hydrog. No. 511 Date, Oct 19 1910

Sdg. Mch. Reel Shot Lead 15 lbs.

Turns Cor'n Depth 6 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make No. 1014 - 1023 Cor'n { Instr. Stem.

Bottom Reading T: 60 A: 60 Cor'd Temp. 57.5

Temp. Surf. { 60.8 Time 1.57 } Air { 68 }
{ 60.1 Time } { }

Density: Surf. fms.

Wind: Direction South Force 2

Baromet. 30.17 Amt. of Clouds 1 State of Sea 8

Weather haze

Direction and Force of Current { Surface 40 in 42 }
{ Bottom }

Tide Low

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inters

Apparatus and Rig used

Time towing h. 14 m.

Remarks: Towed 19 min: 10 min at 3.
Under way, before 10 min.
- 10 min. 10 min. 10 min.

Deck Officer V. C. Recorder.

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
1	+	1	0	1	5	1
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
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			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 2125 Date, Oct 1, 1912
Hydrog. }
Sdg. Mch. 111 Reel 7M Shot/Lead 14 lbs.
Turns Cor'n Depth 6 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom

Thermom. { Make 712 Cor'n { Instr.
No. 1011-1022 Stem.

Bottom Reading 2:61 R: 61 Cor'd Temp. 60.5

Temp. Surf. { 62.1 Time 1:45 } Air { 67 }
Time

Density: Surf. fms.

Wind: Direction South Force 2

Baromet. 30.17 Amt. of Clouds 1 State of Sea S

Weather b

Direction and Force of Current { Surface 4.5 & 1.2
Bottom

Tide Ebb

General Locality ..

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul 7 fms.

Apparatus and Rig used 4' Tanner beam trawl

Time towing 12 m.

Remarks: Trawl 12 min. 12 min. at
anchor 2 min. when
bottom was reached
Fishes etc. etc. etc.

Deck Officer H. C. Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
15	15	15	0	15	15	15
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
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			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Hydrog. } No. 517 Date, Dec 1912

Sdg. Mch. TN Reel TN Shot Lead 14 lbs.

Turns Cor'n Depth 4 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make No. 1022 Cor'n { Instr. Stem.

Bottom Reading I. 61.9 K. 61.6 Cor'd Temp. 61.53

Temp. Surf. { 62.6 Time 7.22 } Air { 62.5 }
62.48 Time

Density: Surf. fms.

Wind: Direction South Force 2

Baromet. 30.14 Amt. of Clouds 1 State of Sea C

Weather B

Direction and Force of Current { Surface { 40 revs. in 37 sec.
40 " " 32 "
Bottom { 50 " " 45 "

Tide E 66

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter

Apparatus and Rig used

Time towing 10 m.

Remarks: Towed with at anchor, 6 fms.
since at -
F. 10.00 with boat and anchor.

Deck Officer Recorder

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M. Down.			Up. P M.				P M. Down.			Up. P M.		
9	28	00	2	33	00	0	9	28	00	2	33	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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						3700						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Hydrog.~~ No. 177 Date, Oct 19, 1912

Sdg. Mch. T.H. Reel T.H. Shot Lead 14 lbs.

Turns Cor'n Depth 4 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make N.R. Cor'n { Instr. No. 1019 - 1022 Stem.

Bottom Reading 1.62 Reel 1.9 Cor'd Temp. 61.76

Temp. Surf. { 62.5 Time 3:10 Air { 65
10:36 Time

Density: Surf. fms.

Wind: Direction South Force 2

Baromet. 30.12 Amt. of Clouds 1 State of Sea 2

Weather fog

Direction and Force of Current { Surface 80 fms. in 25
Bottom 70 21

Tide Ebb

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul 1000

Apparatus and Rig used

Time towing h. 11 m.

Remarks: Trawl at anchor, 7 fms. from

Between 10:30 and 11:00

Deck Officer Recorder

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. Down. | Up. | M.

M. Down. | Up. | M.

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

3 0 2 0 0 3 1 8 0 0

Wedge } No. 5178 Date, Oct 12, 1912
Hydrog. }

Sdg. Mch. 7/15 Reel 11 Shot Lead lbs.

Turns Cor'n Depth 8 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make 71.2 No. 1214 - 122 Cor'n { Instr. Stem.

Bottom Reading 2: 62.8 3: 62.6 Cor'd Temp. 62.5

Temp. Surf. { 62.7 Time 4:00 } Air { 62.7 Time }

Density: Surf. fms.

Wind: Direction South Force 2

Baromet. Amt. of Clouds 0 State of Sea

Weather 2

Direction and Force of Current { Surface Bottom.

Tide 7:00 6:00

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul 120

Apparatus and Rig used 4' Trawl

Time towing 12 m.

Remarks: Towed at depth, 6 fms out -
Lobster etc.

Deck Officer Recorder

SOUNDING WIRE.

M. Down.	Up.	M.
3 55 00	4 00 00	

FMS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

DREDGING CABLE.

M. Down.	Up.	M.
3 55 00	4 00 00	

Deck Officer *W. L. ...* Recorder *(Signature)*

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
4 16 20	4 26 48		0	4 16 00	4 27 30	
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
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			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

~~Predge~~ } No. 5180 Date, Oct 19 1917
Hydrog. }
Sdg. Mch. J. Reel Shot Lead lbs.
Turns Cor'n Depth fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom

Thermom. { Make N.B. Cor'n { Instr. No. 101911023 Stem.

Bottom Reading 17.00 Cor'd Temp. 52.33

Temp. Surf. { 57.88 Time 11:25 } Air { 60 }
Time 57.68

Density: Surf. fms.

Wind: Direction S.W. Force 3

Baromet. Amt. of Clouds 5 State of Sea S

Weather

Direction and Force of Current { Surface 10 N. - 34 sec. Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter

Apparatus and Rig used

Time towing h. 1 m.

Remarks

Deck Officer Recorder

SOUNDING WIRE.

M. Down.	Up.	M.
1 18 20		

FMS.

DREDGING CABLE.

M. Down.	Up.	M.
11 33 00		11 46 00

15 20

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Tide gauge } No. 777 Date, Dec 1, 1915

Sdg. Mch. 225 Reel Shot/Lead lbs.

Turns Cor'n Depth 10 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make TZL Cor'n { Instr. No. 1019 - 1023 Stem.

Bottom Reading 7.79 to 7.8 Cor'd Temp. 57.6

Temp. Surf. { 60.0 Time 17:15 } Air { 59.5 } Time

Density: Surf. fms.

Wind: Direction SW Force 3

Baromet. 30.07 Amt. of Clouds 5 State of Sea

Weather 603

Direction and Force of Current { Surface 30 Bottom 20 }

Tide Ebb

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Intar.

Apparatus and Rig used

Time towing h. 12 m.

Remarks: F. 2

Deck Officer Recorder

SOUNDING WIRE.

M. Down.	Up.	M.
12 01 30 12 11 30		

FMS.

DREDGING CABLE.

M. Down.	Up.	M.
12 01 30 12 11 30		

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
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2700
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2900
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3100
3200
3300
3400
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

Dredge } No. 75 Date, Dec 12, 1912
Hydrog. }

Sdg. Mch. T.T. Reel 1 Shot 1 Lead 1 lbs.

Turns _____ Cor'n _____ Depth 8 fms.

Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom _____

Thermom. { Make T.T. Cor'n { Instr. _____
 { No. 1019 - 1023 { Stem. _____

Bottom Reading 7.4 Cor'd Temp. 57.2

Temp. Surf. { 60 Time 12:15 } Air { 57.5
 { 57.1 Time _____ } _____

Density: Surf. _____ fms. _____

Wind: Direction _____ Force 1

Baromet. 30.0 Amt. of Clouds 5 State of Sea 1

Weather bc

Direction and Force of Current { Surface 40 rev. in 36 sec.
 { Bottom _____

Tide 1

General Locality _____

Position _____

Chart used: No. _____ Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul Inter.

Apparatus and Rig used U.T. 2

Time towing 12 m.

Remarks: Inter. 100 fms. 100 fms.

Deck Officer D. J. ... Recorder ...

SOUNDING WIRE.

(C) M. Down. | Up. | (S) M.

12 1/5 00 12 1/5 00

FMS.

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

DREDGING CABLE.

(C) M. Down. | Up. | (S) M.

2 1/5 00 2 1/5 00

Dredge } No. 5783 Date, Oct 8, 1912
Hydrog. }
Sdg. Mch. TN Reel TN Shot Lead 14 lbs.
Turns Cor'n Depth 6 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom

Thermom. { Make N.B. Cor'n { Instr.
No. 1019-1023 Stem.

Bottom Reading L: 61 R: 61 Cor'd Temp. 60.83

Temp. Surf. { 62 Time 1:27 P. Air { 59
61.88 Time

Density: Surf. fms.

Wind: Direction SW Force 4-5

Baromet. 30.05 Amt. of Clouds 5 State of Sea S

Weather Bcg

Direction and Force of Current { Surface { 50 rev. in 34 Sec.
Bottom { 50 " " 34 "

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter.

Apparatus and Rig used 4' Inter. & 2 Kofids

Time towing h. 12 m.

Remarks: Fichtman water bottle used.

Deck Officer Mr. King Recorder J. M. E. L.

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
<input checked="" type="checkbox"/> M. DOWN.	UP.	<input checked="" type="checkbox"/> M.			<input checked="" type="checkbox"/> M. DOWN.	UP.	<input checked="" type="checkbox"/> M.	
1	19	00	1	29	00	1	19	00
				0				
				100				
				200				
				300				
				400				
				500				
				600				
				700				
				800				
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				4000				
				4100				
				4200				
				4300				
				4400				
				4500				
				4600				
				4700				
				4800				
				4900				

- Oct 8, 1912 -

Hy 5184 -	from	stds		dr.
	L:	R:		Surf:

5785 -	from	stds		dr.
--------	------	------	--	-----

Str:

var. in sec
